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7590
 Mark G Lappin
 McDermott Will & Emery
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 Customer No. 23630

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 09/14/2005 EFLORES1 00000016 09762077
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Keiko Nakagawa	(Depositor's name)
<i>Keiko Nakagawa</i>	(Signature)
Sep. 9, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/762,077	06/03/2002	Edward A. Johnson	56326-032	7876

TITLE OF INVENTION: ~~INFRARED~~ RADIATION SOURCES, SENSORS AND SOURCE COMBINATIONS, AND METHODS OF MANUFACTURE
Infrared

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	09/15/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
JOHNSTON, PHILLIP A	2881	250-339130

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **McDermott Will
& Emery LLP**

2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Ion Optics, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Waltham, MA

09/14/2005-EFLORES1-00000016-501133 0

01 FC:2501 700.00 DA
 02 FC:1504 300.00 DA
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Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies **10**

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number **50-1133** (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

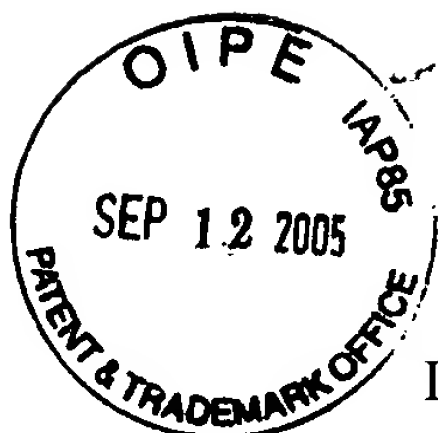
- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Mark G. Lappin*Date 9/9/05Typed or printed name **Mark G. Lappin**Registration No. **26,618**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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ATTORNEY DOCKET NO. IOPL-007 (56326-032)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Edward A. Johnson, et al.
Serial No. 09/762,077
Filed June 3, 2002
Title Infrared Radiation Sources, Sensors and Source Combinations,
and Methods of Manufacture
Examiner Phillip A. Johnston Date Due: September 15, 2005
Group Art Unit 2881 Confirmation No. 7876

MS: Issue Fee
Commissioner for Patents
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Dear Sir:

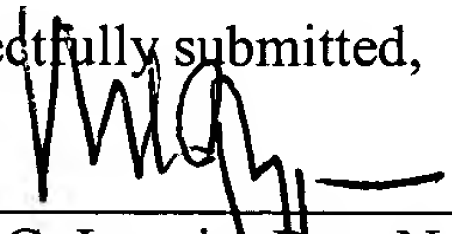
Transmitted herewith for filing is the following document:

- ☒ Issue Fee Transmittal Form (Part B); and
- ☒ Return Postcard

Please charge the Issue Fee (\$700.00) and Advance Order Copies (\$30.00) to our Deposit Account No. 50-1133. The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 50-1133. For this purpose, a duplicate of this document is enclosed.

Respectfully submitted,

By:


Mark G. Lappin, Reg. No. 26,618
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Date: September 9, 2005

CERTIFICATE OF MAILING UNDER 37 U.S.C. § 1.10

I hereby certify that this correspondence is being deposited with the United States Post Service as First Class Mail in an envelope addressed to: MS: Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date

9/9/05


Keiko Nakagawa